



520.43012X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: K. MOGI, et al

Serial No.: 10/633,637

Filed: August 5, 2003

For: COMPUTER SYSTEM FOR MANAGING PERFORMANCES OF  
STORAGE APPARATUS AND PERFORMANCE MANAGEMENT  
METHOD OF THE COMPUTER SYSTEM

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 16, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (520.43012X00) please credit any excess fees to such deposit account.

Respectfully submitted,



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ANTONELLI, TERRY, STOUT & KRAUS, LLP

CIB/jdc  
(703) 312-6600

**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

ATTY. DOCKET NO.

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SERIAL NO.

10/633,637

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

K. MOGI, et al

FILING DATE

August 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 3 2 5 5 0 5	6/94	Hoffecker et al			
	5 5 8 4 0 1 8	12/96	Kamiyama			
	6 2 6 0 1 1 4	7/01	Schug			
	6 3 4 1 3 3 1	1/02	McNutt			
	6 5 0 5 2 4 8	1/03	Casper et al			
	6 7 6 0 8 2 8	7/04	Black			
2 0 0 3	0 0 6 1 3 3 1	3/03	Nakamura et al			
2 0 0 3	0 0 8 4 0 7 1	5/03	Iulo			
2 0 0 3	0 0 9 3 4 4 2	5/03	Mogi et al			
2 0 0 3	0 0 9 3 6 1 9	5/03	Sugino et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
2 0 0 1	6 7 1 8 7	3/01	Japan		XX

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2 0 0 3	0 1 5 8 9 2 0	8/03	Lynch et al			
2 0 0 3	0 2 2 1 0 6 3	11/03	Eguchi et al			
2 0 0 3	0 2 2 5 8 3 0	12/03	Kataoka et al			
2 0 0 3	0 2 2 9 6 9 8	12/03	Furuhashi et al			
2 0 0 4	0 0 2 4 7 9 6	2/04	Takeda et al			
2 0 0 4	0 0 2 4 8 7 0	2/04	Hirata et al			
2 0 0 4	0 1 1 7 3 9 8	6/04	Idei et al			
2 0 0 4	0 1 2 7 9 9 9	7/04	Murase et al			
						YES NO

EXAMINER

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(Form PTO-1449 [6-4])